

IN THE CLAIMS

Claims 1, 2-3, 7-8, 12-14, 33-35, 39, 40, 44-46, and 65 are amended.

Claims 9-11, 16 and 54 are cancelled.

Claims 66-67 are added.

All pending claims are produced below. In addition, the status of each is also indicated below and appropriately noted as “Original”, “Currently Amended”, “Canceled”, “New”, “Withdrawn”, “Previously Presented”, and “Not Entered” as requested by the Office.

1. (Currently Amended) A method of processing instant messenger events, comprising:
determining a period of inactivity after which to compile an instant messenger event, the determination based at least in part on an identity of a user;
responsive at least in part to expiration of the determined period of inactivity, capturing
an instant messenger event associated with the user by compiling event data associated with at least one instant messenger message;
~~associating the instant messenger event with a conversation;~~ and
indexing at least some of the event data associated with the instant messenger message event.
2. (Currently Amended) The method of claim 1, further comprising:
associating the instant messenger event with a conversation;
receiving a search query; and
identifying the conversation as relevant to the search query.

3. (Currently Amended) The method of claim 1, wherein the event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message ~~associated with the event~~.
4. (Original) The method of claim 3, wherein indexing at least some of the event data comprises associating an event ID with the event and associating the event ID with at least some of the event data.
5. (Original) The method of claim 1, wherein the instant messenger event is captured on a client device.
6. The method of claim 1, wherein the instant messenger event is captured on a network device.
7. (Currently Amended) The method of claim 1, wherein capturing an instant messenger event comprises:
 - identifying an activity associated with an instant messenger application on a client device;
 - identifying the instant messenger event based on the activity; and
 - compiling the instant messenger event from at least some of the event data.
8. (Currently Amended) The method of claim 7, wherein compiling the instant messenger event is performed upon the sending or receipt of the instant messenger message using the instant messaging application.
9. (Canceled)

10. (Canceled)
11. (Canceled)
12. (Currently Amended) The method of claim 2 [[1]], further comprising: wherein
~~associating the instant messenger event with a conversation comprises:~~
 - determining if an existing conversation relevant to the instant messenger event exists;
 - associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and
 - associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.
13. (Currently Amended) A method of compiling an instant messenger event, comprising:
 - identifying instant messenger activity involving a change in a user interface associated with an instant messenger application on a client device;
 - identifying, based at least in part on identifying the user interface change, an instant messenger event associated with an instant messenger message and having event data; and
 - compiling the instant messenger event from at least some of the event data.
14. (Currently Amended) The method of claim 13, wherein identifying instant messenger activity further comprises identifying instant messenger network activity.
15. (Original) The method of claim 14, wherein event data is also determined from the instant messenger network activity.
16. (Canceled)

17. (Original) The method of claim 13, wherein identifying instant messenger activity comprises determining that the instant messenger application is active.
18. (Original) The method of claim 13, wherein identifying the instant messenger event comprises monitoring the instant messenger application for an ongoing period of time.
19. (Original) The method of claim 13, wherein identifying the instant messenger event comprises analyzing a current state of the instant messenger application to identify the instant messenger event.
20. (Original) The method of claim 13, wherein identifying the instant messenger event comprises identifying a display area associated with the instant messenger application and determining the content of the display area.
21. (Original) The method of claim 13, wherein identifying the instant messenger event comprises one or more of monitoring operating system calls made by the instant messenger application to display text, hooking into the instant messenger application's notification application program interface, and directly querying the instant messenger application.
22. (Original) The method of claim 13, wherein identifying the instant messenger event comprises extracting text from a display area associated with the instant messenger application.
23. (Original) The method of claim 13, wherein compiling the instant messenger event is performed upon the sending or receipt of an instant messenger message.
24. (Original) The method of claim 13, wherein compiling the instant messenger event is performed after a period of time.

25. (Original) The method of claim 13, wherein the period of time is predetermined.
26. (Original) The method of claim 13, wherein the period of time is a period of inactivity on the instant messenger application.
27. (Original) The method of claim 13, further comprising associating the instant messenger event with a conversation.
28. (Original) The method of claim 13, wherein event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message associated with the event.
29. (Original) The method of claim 13, wherein event data comprises a conversation ID.
30. (Original) The method of claim 27, wherein associating the instant messenger event with a conversation comprises:
- determining if an existing conversation relevant to the instant messenger event exists;
 - associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and
 - associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.
31. (Original) The method of claim 30, wherein determining if an existing conversation exists is based at least in part on participants in the message and a time the message was received or sent.
32. (Original) The method of claim 30, further comprising determining a title associated

with the conversation.

33. (Currently Amended) A computer-readable storage medium for processing instant messenger events, the computer-readable storage medium containing executable program code, comprising:

program code for identifying, based at least in part on analyzing a current state of an instant messenger application, an instant messenger event associated with an instant messenger message and having event data;

program code for capturing the ~~[[an]]~~ instant messenger event by compiling event data associated with ~~at least one~~ the instant messenger message;

~~program code for associating the instant messenger event with a conversation;~~ and

program code for indexing at least some of the event data associated with the instant messenger event.

34. (Currently Amended) The computer-readable medium of claim 33, further comprising:

program code for associating the instant messenger event with a conversation;

program code for receiving a search query; and

program code for identifying the conversation as relevant to the search query.

35. (Currently Amended) The computer-readable medium of claim 33, wherein the event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message ~~associated with the event.~~

36. (Original) The computer-readable medium of claim 35, wherein program code for indexing at least some of the event data comprises associating an event ID with the event and

associating the event ID with at least some of the event data.

37. (Original) The computer-readable medium of claim 33, wherein the instant messenger event is captured on a client device.

38. (Original) The computer-readable medium of claim 33, wherein the instant messenger event is captured on a network device.

39. (Currently Amended) The computer-readable medium of claim 33, wherein capturing an instant messenger event comprises:

program code for identifying an activity associated with an instant messenger application on a client device;

program code for identifying the instant messenger event based on the activity; and

program code for compiling the instant messenger event from at least some of the event data.

40. (Currently Amended) The computer-readable medium of claim 39, wherein compiling the instant messenger event is performed upon the sending or receipt of the instant messenger message using the instant messaging application.

41. (Original) The computer-readable medium of claim 39, wherein compiling the instant messenger event is performed after a period of time.

42. (Original) The computer-readable medium of claim 41, wherein the period of time is predetermined.

43. (Original) The computer-readable medium of claim 41, wherein the period of time is a

period of inactivity on the instant messenger application.

44. (Currently Amended) The computer-readable medium of claim 34 [[33]], further comprising: wherein associating the instant messenger event with a conversation comprises:

program code for determining if an existing conversation relevant to the instant messenger event exists;

program code for associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and

program code for associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.

45. (Currently Amended) A computer-readable storage medium for compiling an instant messenger event, the computer-readable storage medium containing executable program code, comprising:

program code for identifying instant messenger activity involving a change in a user interface associated with an instant messenger application on a client device;

program code for identifying, based at least in part on extracting text from a display area associated with the instant messenger application, an instant messenger event associated with an instant messenger message and having event data; and

program code for compiling the instant messenger event from at least some of the event data.

46. (Currently Amended) The computer-readable medium of claim 45, wherein program code for identifying instant messenger activity further comprises identifying instant messenger network activity.

47. (Original) The computer-readable medium of claim 46, wherein event data is also determined from the instant messenger network activity.
48. (Original) The computer-readable medium of claim 45, wherein program code for identifying instant messenger activity comprises identifying a user interface change associated with an instant messenger application.
49. (Original) The computer-readable medium of claim 45, wherein program code for identifying instant messenger activity comprises determining that the instant messenger application is active.
50. (Original) The computer-readable medium of claim 45, wherein program code for identifying the instant messenger event comprises monitoring the instant messenger application for an ongoing period of time.
51. (Original) The computer-readable medium of claim 45, wherein program code for identifying the instant messenger event comprises analyzing a current state of the instant messenger application to identify the instant messenger event.
52. (Original) The computer-readable medium of claim 45, wherein program code for identifying the instant messenger event comprises identifying a display area associated with the instant messenger application and determining the content of the display area.
53. (Original) The computer-readable medium of claim 45, wherein program code for identifying the instant messenger event comprises one or more of monitoring operating system calls made by the instant messenger application to display text, hooking into the instant messenger application's notification application program interface, and directly querying the

instant messenger application.

54. (Canceled)

55. (Original) The computer-readable medium of claim 45, wherein compiling the instant messenger event is performed upon the sending or receipt of an instant messenger message.

56. (Original) The computer-readable medium of claim 45, wherein compiling the instant messenger event is performed after a period of time.

57. (Original) The computer-readable medium of claim 45, wherein the period of time is predetermined.

58. (Original) The computer-readable medium of claim 45, wherein the period of time is a period of inactivity on the instant messenger application.

59. (Original) The computer-readable medium of claim 45, further comprising program code for associating the instant messenger event with a conversation.

60. (Original) The computer-readable medium of claim 45, wherein event data comprises one or more of sender data, recipient data, a time associated with the event, a date associated with the event, and content from the instant messenger message associated with the event.

61. (Original) The computer-readable medium of claim 45, wherein event data comprises a conversation ID.

62. (Original) The computer-readable medium of claim 59, wherein associating the instant messenger event with a conversation comprises:

program code for determining if an existing conversation relevant to the instant

messenger event exists;

program code for associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and

program code for associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event.

63. (Original) The computer-readable medium of claim 62, wherein determining if an existing conversation exists is based at least in part on participants in the message and a time the message was received or sent.

64. (Original) The computer-readable medium of claim 62, further comprising program code for determining a title associated with the conversation.

65. (Currently Amended) A method of processing instant messenger events, comprising:
determining a predefined period of instant messenger inactivity after which to compile an instant messenger event;

~~identifying an instant messenger network packet associated with an instant messenger application on a client device;~~

monitoring the instant messenger application to determine event data associated with an instant messenger message;

responsive at least in part to expiration of the determined period of inactivity, compiling an instant messenger event from at least some of the event data;

determining if an existing conversation relevant to the instant messenger event exists;

associating the instant messenger event with an existing conversation if the existing conversation is determined to be relevant to the instant messenger event; and

associating the instant messenger event with a new conversation if no existing conversation is determined to exist that is relevant to the instant messenger event; and indexing and storing the instant messenger event.

66. (New) The computer-readable medium of claim 45, wherein the extraction of the text from the display area comprises performing optical character recognition on an image.

67. (New) The method of claim 13, further comprising identifying an instant messenger event at least in part by hooking into the instant messenger application's notification application program interface.